

**THE DIAGRAM AT LEFT** shows a lot with adjoining lots on both sides. Note the 20-foot setback in front and the 30-foot setback in rear, also the 10-foot setback required on each side. The main structure must be erected within the setback lines. However, a carport may be built in the rear setback area up to three feet of the rear lot line. Not more than 35 per cent of the

required total rear area may be used for accessory buildings. The diagram at right indicates a corner lot with 20-foot setbacks at front and side facing the streets. Not more than 30 per cent of the total lot area may be used for construction of the main structure and any accessory buildings. The street names on these diagrams and the one at bottom are purely fictitious.

## Y-12ers Planning To Build Homes Or Remodel Urged To Check Zoning

### Building Requirements In Oak Ridge Affect Housing Plans; Numerous Provisions Cited

With the first sale of Oak Ridge lots for homesites now being offered to Oak Ridge residents, Management Services, Inc., has issued a statement urging prospective purchasers to closely check zoning requirements before progressing with plans for building new homes or remodeling homes that might be bought.

For their information and protection, every Y-12er contemplating buying a lot or buying and remodeling a home in Oak Ridge is urged to check closely with authorities on the zoning requirements for any prescribed location before proceeding with such plans.

Below The Y-12 Bulletin is reprinting in full an article appearing in a recent issue of the MSI Item, Management Services, Inc., employee publication, pointing out some of the restrictions that face prospective property owners planning to build or remodel. Y-12ers in this group are urged to carefully read the article and even clip it out for future reference if they plan building or remodeling.

## Inspection Of Block Plans At MSI Offices Urged Before Planning Building Of Homes

Thinking of buying a vacant lot in Oak Ridge so you can build a house? Or are you considering the purchase of your present home which you plan to remodel or expand? Before you progress too far on either of these steps, it might be helpful to you to consider a few things which may affect those plans.

For instance, are you aware that the zoning requirements for all residential lots to be offered for sale limit them to residential use, except for certain home occupations? That means you can't use the premises for anything like setting up a commercial garage.

You might begin your check on such pertinent items by making a thorough inspection of block plans to see the layout of the lot, the extent of its boundaries, its size, location, the availability of service facilities, easements, etc. These block plans, incidentally, are on display in MSI Building No. 2.

### Property Inspection Is Urged

After you've looked over the block plans, make a visual check of the property to get an idea of how the land lies. When you look over the lot, remember there's a restriction about constructing a house within 20 feet of the front lot line. If you're thinking of buying corner property, that 20-foot setback restriction applies to both streets.

In addition, you can't build a house within 30 feet of the rear lot line. Taking those two restrictions into consideration, you find that already 50 feet of your lot length is useless insofar as construction of a house is concerned.

Now let's consider building restrictions for side lot lines. You can't build a house within 10 feet of adjoining side lot lines, or have any part of your structure fall beyond a 45-degree angle projected upward from any lot line. Therefore, if you have a lot which is high in the center, you may find that the 45-degree angle will limit your construction considerably. On the other hand, a lot with a depression in the center will permit you to build a struc-

ture with greater height if you so desire.

### Exceptions Are Possible

An exception from the above restrictions may be allowed if a lot is extremely narrow or shallow, or if the topographic conditions are unusual. In such cases, specific permission may be granted for relieving such difficulties or hardships provided it is not substantially detrimental to the public good.

Another exception may help those considering a lot between properties already occupied by structures which are not set back the required 20 feet. As a result, a house constructed or altered on such a lot may be extended nearer the street lot line, but not closer than 15 feet.

If you find that your proposed structure meets these requirements, don't be too sure that all of your building problems are solved. Construction of accessory buildings like a garage or carport may also cause you difficulty.

Accessory buildings are limited to heights of one story and they cannot be built within the setback lines in front or at the sides of the house. By the way, the 45-degree angle limitation is also in effect in this case. Although the rear area of the lot may be used for constructing an accessory building up to within three feet of the rear lot line, not more than 35 per cent of the required total rear area can be used for such purpose.

### Off-Street Parking Required

Altogether, 30 per cent of the total lot area may be utilized for construction of the main structure and any accessory buildings. Don't forget, too, that you will also have to provide off-street parking facilities in all cases.

There are other problems to solve even if you check out all right on the above limitations. A sanitary sewer, storm sewer or water main running across your property will prevent you from building a structure above them or within five feet (on either side) from the center line of those

Continued on Page 4

## 1956 Off-Job Mishaps For Y-12ers Decrease

### 34 Accidents Cause Loss Of 570 Days

Off-job accidents causing disabilities to Y-12ers for the first half of 1956 ran just about even with the previous year, figures compiled by the Safety Department reveal. For the first six months of 1956 there were 34 accidents away from work involving loss of time by Y-12ers as against 37 for the same period last year.

As usual, automobile accidents took the greatest toll in the off-job mishaps. There were 16 traffic accidents involving Y-12ers for the first half of this year, causing a loss of 357 days work.

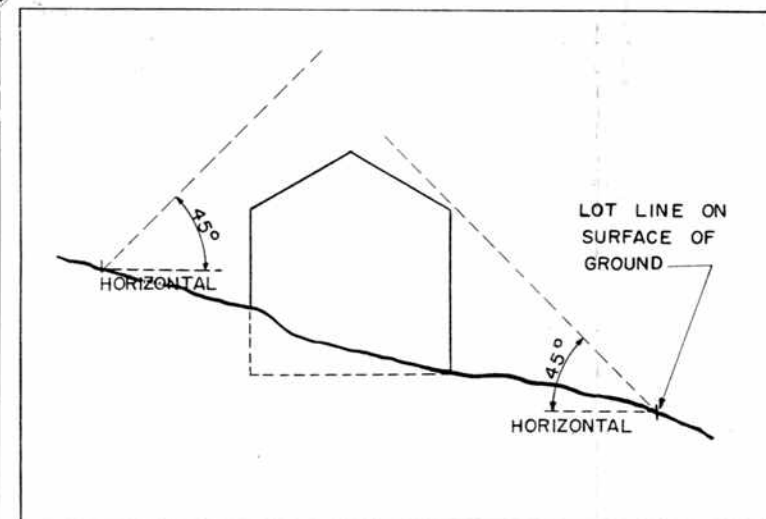
Miscellaneous accidents involving Y-12ers, including non-plant supervised recreation activities, hurt 13 persons sufficiently to cause a total loss of time of 151 days. Home accidents only disabled five Y-12ers for a loss of 62 days of time.

The total loss of time to Y-12ers as a result of off-job accidents for the first six months of 1956 was 570 days.

## Y-12 Area No. 5 Vehicular Traffic Using New Gate

All vehicular traffic into the Y-12 Area No. 5 now is using a new gate on the road just above the cafeteria near the Central Portal. The Guard Department post there is No. 15. Opening of this gate replaces the entrance previously used on the west side of Area No. 5.

The change was made to eliminate congestion at the west gate to Area No. 5 as the result of construction work and the fact that the construction work is being done on ground outside the Y-12 fence line.



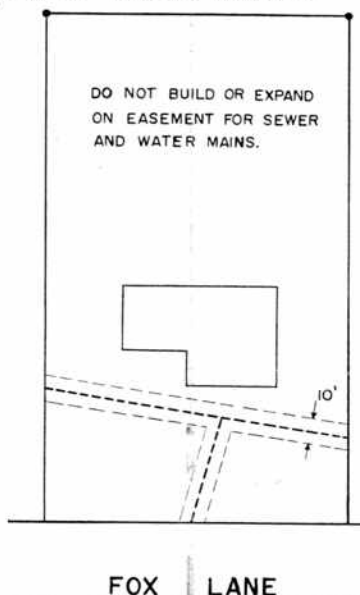
**NO PART OF A BUILDING** may fall beyond a 45-degree angle projected upward from any lot line. This diagram shows how a sloping lot will affect construction of buildings based on the 45-degree limitation.

## Duke University Scientists Are Ridge Seminar Speakers

Two Duke University scientists are booked for lectures on the weekly meeting of the Oak Ridge Physics Seminar on Friday of this week, August 10. They will be Dr. W. Haeberli and R. M. Williamson. The meeting is scheduled for 3:15 p.m. in the auditorium of Building 4500, Oak Ridge National Laboratory. All Y-12 scientific and technical personnel are invited to attend.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
19 Days Or  
602,205 Man-Hours  
(Unofficial Estimate)  
Without A Lost Time Injury  
Through August 5



**A SANITARY OR STORM SEWER** or water main running across a lot will prevent building above such piping or within five feet on either side from the center line of the mains. The easements are 10 feet wide.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
A Division Of  
Union Carbide And Carbon  
Corporation  
Post Office Box Y  
Oak Ridge Tenn.  
GEORGE W. DOBBS . . . Editor

OFFICE  
Bldg. 9704-2 Room 228  
Telephone 7751

## K. H. Hannan Elected To Executive Post

Kenneth H. Hannan has been elected an Executive Vice-President of Union Carbide and Carbon Corporation, it has been announced by Morse G. Dial, President.



Hannan joined Union Carbide in 1936 in the Law Department of the Corporation. He was appointed Secretary and Assistant Treasurer in 1952. In 1954 he was elected a Vice-President and Director of the Corporation. He is also a director of American Brake Shoe Company.

He received the degree of LL.B. from Yale Law School in 1936. He served in the United States Navy in 1941 through 1945, attaining the rank of Lieutenant Commander.



Get well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital.

J. M. Thompson, Chemical; H. J. Finger, Mechanical; C. B. Davis and H. L. Wallace, Alloy Maintenance; Joseph Delmonte, Jr., and C. B. Hollis, Colex Operations; J. K. Bush and C. J. Beckett, Process Maintenance; O. W. Breedlove, B Mechanical Operations; Maurice DeLung, Buildings and Grounds; W. L. Price and D. B. Blackburn, Research Services.

## Concord Site Of Outing Staged By Y-12ers July 28

Concord Park was the scene on Saturday, July 28, of a picnic staged by Y-12 employees in the Mail Room, Plant Records Department, Reproduction Group and members of their family. The picnic committee was composed of O. C. Hartman, Frances Patton and Evelyn Crouse. The committee arranged a program of swimming, horse-shoe pitching, croquet, beach ball and other games, with a buffet supper served at 6 p.m. About 50 persons attended the outing.

## OLD FAVORITES OFFERED ON SPECIAL LUNCHES

A pair of old favorite dishes among patrons of the Y-12 Cafeteria are to be served as entrees on the Special Lunches to be served tomorrow, Thursday, August 9, and next Tuesday, August 14. For tomorrow the main dish on the 50-cent Special Lunch will be chicken croquettes with parsley sauce. Next Tuesday Italian spaghetti with meat sauce will be offered. The Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.



FELLOW EMPLOYEES OF JEAN FINNEY BRIDGES and friends gave a miscellaneous shower for her July 28. Hostesses were Daisy Ward, at whose home the event was held, and Jincy Dingus. Guests shown above, from left, are Alice Elder, Rose Price, Billie Britton, Deborah Hubbs, Kitten Dalton, Bebe DeRenzis, Jincy Dingus, Daisy Ward, Anne Fleenor, Anne Wenzler, Marie Dinsmore and the honoree, Jean Finney Bridges.



Getting married is like a cafeteria. You pick out what you want and pay for it afterwards.

Well, let's see what's going on around the premises. First in line is—

### MECHANICAL OPERATIONS

General Machine Shop has vacationers scattered from Idaho to Indiana and sunny Florida—take a gander—T. V. Gable is a Gary, Ind., visitor . . . Daytona Beach has C. Tharp and R. D. Knott . . . J. D. Meadow is fishing the lakes around Leesburg, Fla. . . . Hal Meadow picked Clearwater . . . J. D. Kile is dividing time between St. Petersburg, Daytona Beach and Jacksonville . . . D. W. Garland also is in St. Petersburg . . . J. H. Brown is closer at home—in Philadelphia, Tenn. . . . C. R. Kennedy went to Williamson, W. Va. . . . Lenoir City and the Smokies are being looked over by W. S. Minge . . . F. C. Winstead and D. T. Pitt are visiting in Nashville . . . The Shopper in faraway Idaho is E. O. Lamb at Idaho Falls . . . Hall Trivett is over in Johnson City and Banner Elk, N. C. . . . J. M. Butts beat it to Birmingham. . . . Virginia Beach lured P. J. Arrowood and Myrtle Beach, S.C., drew K. S. Murphy . . . C. E. Gregory nudged up to Norfolk, Va. . . . Smoky Mountain visitors also include R. E. Lively and G. D. Butters . . . W. C. Crawley is visiting his mother in Chattanooga and if he looks up he may see C. H. Drummond on Lookout Mountain. . . . S. L. Gallman is visiting kin-folks in Charlotte, N.C., and S. C. Simmons is at nearby Leaksville. . . . Fountain City homes were attractive to G. H. Blakely and H. D. Hutson . . . "Hup-two-three-four" counts are being militarily observed by F. A. Stewart at Fort Benning, Ga. . . . Romance raises its lovely head among Shoppers as J. C. Chamblee is on a Southern wedding trip and R. D. Hayes is moving his new bride to Oak Ridge from Alabama . . . T. W. Compton was a recent week-ender in Cincinnati . . . John Gordon has his mother visiting from Chicago. . . . Congratulations to R. E. Heape on birth of a daughter on July 28 in Knoxville . . . Kathleen Davis is leaving Friday to become a homebody . . . Get well wishes to A. L. Cardwell, T. J. Knudsen and C. E. Graves.

A Mechanical Operations announces that the B. L. Miller family enjoyed the boating, fishing and swimming at Norris while vacationing . . . Get well wishes to Roman Kristich, ill at home; and J. H. Davis, sick at home in Lake City.

B Mechanical Operations extends condolences to J. W. Kyle, whose wife died July 27 . . . Likewise to L. E. Abrams and Mrs. Abrams, whose daughter was killed in an automobile accident at Mobile, Ala., July 20 . . . The department is glad to hear that W. L. Blackford is much improved and

expects to be back soon . . . Also that the son of J. L. Billings is recovering from an eye injury at home . . . C. Allen is visiting in West Virginia and E. H. Vineyard is resting at home in Knoxville. . . . Barn building is the vacation activity of L. B. Elkins and J. E. Bullen is angling after that "big 'un" . . . H. Crutchfield and F. L. Teno are doing reserve training at Fort Benning, Ga.

J. A. Whitten, D Mechanical Operations, is vacationing in Birmingham, C. R. Bates went over to Jackson, Tenn., and J. W. Rolston is loafing around Norris Lake.

Charlie Smith, the Sage Of E Mechanical Operations and frequent contributor to The Bulletin, is taking a week off and visiting in his home haunts around Nashville . . . F. A. Harris and family also are over thataway.

D. A. Lanham is sweating it out for a couple of weeks reserve training at McGhee-Tyson Air Base . . . S. F. Russell is vacationing at Caryville, R. F. Underwood at home in and around Lancing and John McGhee at Newcomb, Tenn. . . . N. White is industriously working on his new home in Knoxville.

### MANUFACTURING OFFICE

The Cashier and Travel Office still is sending Barbara Pullen get well wishes.

P. K. Wallace, Timekeeping, and family are touring Michigan and Canada.

Jim Bowers, Property, is spending the week working on his house . . . W. C. Hoppe is in Gatlinburg and Fontana.

Stores welcomes B. B. Stone back after a two-year stretch in the Army . . . Rapid recovery wishes to J. J. Turner . . . C. E. Fritz is back from a week's trip to Detroit . . . E. E. Beckham is moving to his new home in Knoxville.

Merry Miami is host to E. H. Huston, Material Control, for two weeks . . . L. E. Caldwell is visiting in Indiana . . . Jo Anne Kincaid visited her mother in Columbia, Tenn., while vacationing . . . Bessie Hudson and her husband week-ended with his mother in Sealy, N.C.

Lloyd Acres, Receiving, will visit Indiana while vacationing. Production Inspection extends sympathy to N. D. Kennedy, whose father-in-law died July 30 in Aniston, Ala.

### MAINTENANCE

Maintenance Planning extends sympathy to W. N. Jennings, whose mother-in-law died a few days ago.

Good Scout J. Cobb, of the Garage, is a Boy Scout counselor at Camp Pellissippi while vacationing.

Naomi Hart, Electrical Maintenance, and her family visited her mother in Middle Tennessee while vacationing . . . Condolences are extended J. H. Jones, whose moth-



### HOSKINS-ROBERTS

A son and daughter of Y-12ers exchanged marriage vows July 7 when Airman Second Class Jefferson David Hoskins and Miss Betty Lou Roberts were married at the Chapel of the Pines at Turner Air Force Base, Albany, Ga.

The bride is the daughter of Roy Roberts, Health Physics, and Mrs. Roberts; and the groom is the son of David G. Hoskins, Colex Operations, and Mrs. Hoskins. The bride also is the sister of Mrs. Bonnie Roberts Meredith, also a Y-12er who was married just a few weeks ago.

Chaplain O. E. Bell of the Turner Air Force Base officiated at the ceremony.

Given in marriage by her father, the bride wore a gown of embroidered nylon net with a Peter Pan collar and sleeves coming to points at the wrist. Her fingertip veil fell from a Juliet cap and she carried a bouquet arrangement of white orchids and roses.

Mrs. Jack Roberts of Spruce Pines, N. C., was matron of honor. Airman Second Class Sam Lytle was best man, and ushers were Airman Second Class Bob Jones and Bob Tarrioll. All are stationed at Turner Air Force Base.

Both the Roberts and Hoskins families of Oak Ridge attended the wedding, as did Mrs. Meredith and her husband.

After a honeymoon to Radium Springs, Ga., the couple now is at home at 133 North Broadway, Albany, Ga.

er died July 28 at Sweetwater, Tenn.

Glenn Anderson, of the Laundry, vows he had a good vacation despite the heat and an automobile mishap that left him with a flat top model . . . N. C. Holcomb is taking it easy at home in Oak Ridge.

Process Maintenance has C. R. Hudson vacationing at Miami . . . Sympathy is extended R. D. Shank, whose mother died July 27 at Quincy, Ill. . . . Get well wishes to Mrs. W. J. Rollins, in Oak Ridge Hospital for surgery.

F. M. Barnes, Research Services, is the Proud Pop of a daughter born August 2 at St. Mary's Hospital, Knoxville—weighed in at seven pounds, 14 ounces . . . A speedy recovery is wished D. B. Blackburn, in Oak Ridge Hospital for surgery . . . Likewise to R. M. Rowan, off sick last week.

Alloy Maintenance reports A. D. Johnson vacationing in Connecticut . . . Get well wishes to B. Whitson, R. L. Coffey and W. F. Hawkins.

### ALLOY

Alpha Five has W. T. Henry, Jr., vacationing at Carolina Beach . . . E. W. Stooksbury is visiting relatives in West Virginia and Michigan . . . J. A. Manning is at home in Kingston and John Strickland is back after a visit with his parents at Union City, Tenn.

A. L. Johnson, Alpha Four, is using his week off to move into his new home just outside Blair Gate . . . A. E. Harvey is another home worker . . . C. W. Perry and A. S. Kirby and their folks are spending this week in Florida with the Perry family jumping up to Cincinnati for next week . . . Dennis Bridges is the Proud Pop of little Donna Rae, she weighed in at nine pounds, 15 ounces last week . . . J. M. Barnes was a Chattanooga visitor last week . . . Jack Owens is up Kaintuck way this week at his old stomping grounds of Paducah . . . Bill Rains headed the other way and landed in Panama City, Fla. . . . The department is proud of Hugh A. Griffin, who engineered the suc-

Continued on Page 4



A2c and Mrs. J. D. Hoskins, Chaplain O. E. Bell

## Nuclear Society Will Hold Washington Winter Meeting

A winter meeting of the American Nuclear Society has been announced for December 10, 11 and 12 at the Sheraton Park Hotel, Washington, D. C. The meeting has been called because of the accumulation of material resulting from the rapid growth of unclassified research in the field of atomic energy.

The society was formed 18 months ago to provide a single organization for all professional men in science and engineering in the field of atomic energy. It now has a membership of more than 1,400. The Oak Ridge address of the Information Department of the ANC is P. O. Box 963, Oak Ridge, from where Y-12ers interested in joining the group or planning to attend the Washington meeting may obtain information.

## 10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

James L. Overton, General Machine Shop, August 12.

Willard G. Story, D Mechanical Operations, August 14.

## B Shifters And Families Enjoyed Picnic On July 25

Y-12ers on the B Shift enjoyed a picnic and outing at Big Ridge State Park on Wednesday, July 25, with about 150 employees and members of their families attending. A program of games and contests for youngsters and adults alike was staged to include foot races for children in the four to eight years old bracket and also in the eight to 12 years old group. A softball game, volleyball, croquet, horseshoe pitching, swimming and other activities featured the affair. The picnic meal was spread together for all guests.

## Attendance Drop Closes Linden Elementary School

Because of a drop in attendance last year, the Linden School on LaSalle Avenue in Oak Ridge will not be operated this year and pupils formerly attending that school will enroll at Willow Brook or Highland View Schools, it has been announced by Atomic Energy Commission and Oak Ridge school authorities.

School officials say that the Linden School District will be divided between the Willow Brook and Highland View Districts. The new boundary lines will be announced in the near future.

It's always easier to arrive at a firm conviction about a problem after it is known what the boss thinks.



# FIFTH AND FINAL GOLF TOURNNEY SET AUGUST 18

## Gatlinburg Picked For Y-12 Tee Party

### Dog Fight Is Feature; Many Entries Expected

The fifth and final Y-12 Plant Golf Tournament of the year will be staged at the new and sporty Gatlinburg Golf and Country Club course on Saturday, August 18, it was announced last week by the Y-12 Recreation Department. With favorable weather, a large number of Y-12 golfers are expected to enter the tourney and try out the new course, opened just this season, for the first time.

The greens fee for the August 18 tournament will be \$3.

#### How To Get There

The Gatlinburg course is located about six miles west, toward Knoxville, from the popular Smoky Mountain resort town. Y-12ers proceeding to the course should drive from Knoxville through Sevierville and Pigeon Forge on U.S. Highway 441, Chapman Highway, to where a sign reading Pigeon Forge Pottery is reached. A turn there will lead to the golf course.

A dog fight has replaced a hole-in-one contest on the tournament program for August 18. In addition there will be the usual prizes for low and second place scores, net and gross in Division No. 1, first low three net and gross scores in Division No. 2 and No. 3 and first and second low net scores on the first nine holes for all three divisions.

#### Divisions Based On Handicaps

Division play based on handicaps will be used again. In Division No. 1 will be players with handicaps through 12. Division No. 2 will include golfers with handicaps of from 13 through 22 and Division No. 3 will be composed of players whose handicaps range from 23 through 36.

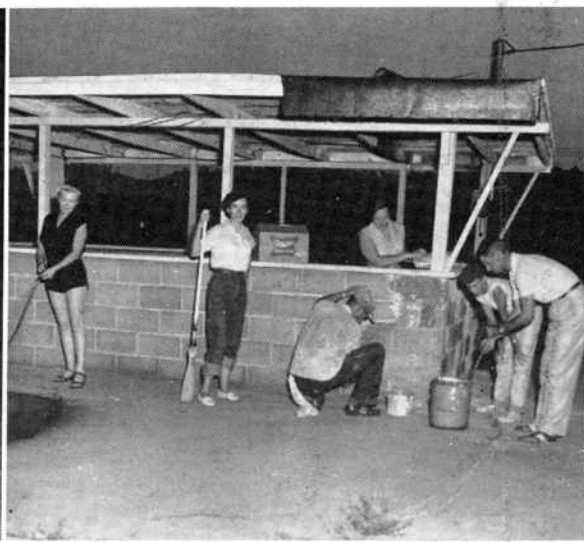
Handicaps and division ratings will be given out by the official scorer the morning of the tournament. Tee off time will be at 8:30 a.m. with all players expected to be away from the first tee by not later than 11 a.m.

## Alloy, 49ers Win In City Tourney

The Alloy team of the Y-12 American League of softballers won its first game of the season last Friday night in the Oak Ridge city tournament by beating the B Shift Maintenance team of K-25. The Y-12 league-leading 49ers trimmed the K-25 C Cubs on the same night. Earlier the Y-12 Bombers, last year's champions, were edged by 8 to 7 in the last inning by the Oak Ridge National Laboratory ANP team. The Alloy outfit, led by Manager Carl Frazier, Sr., will meet the Oak Ridge Independents, managed by Y-12er Roy Roberts, at 7:30 o'clock tonight, Wednesday, August 8, at Midtown Park No. 1. The 49ers, piloted by Fred Ford, play the K-25 Special Shops team at 9 o'clock.

## Dove Season Split Into Two Periods

The 1956 dove hunting season in Tennessee has been divided into two parts this autumn, it has been announced by the State Game and Fish Commission. The first part will be from September 1 through September 10 and the second from October 1 through November 14. This will provide 55 half-days of hunting this year as compared to only 45 in 1955. Hunting hours are from noon to sunset.



SEVERAL Y-12ERS WERE ACTIVE LAST WEEK planning arrangements for the horse show staged August 3 by the East Tennessee Riding Club. At left Billy Shotts and his father, Ira, of Timekeeping, presents Susie, four-month-old walking horse filly, whom they hope will be a future champion. In the center picture the horse show site is being cleaned up in preparation for the show. From left are Jean Smith, wife of Roy Smith, Beta Two, hosing off part of the stands; Jean Vaughn, Colex Operations, sweeping up; Roy Smith and Anna Ruth Roberson, Chemical, painting

the concessions stand in rear; Ira Shotts and son Billy. At right E. J. Rogers, Buildings and Grounds, is grooming one of the horses in his stable in preparation for the show while his son, Jimmy, is holding the animal by the halter. Jimmy was seriously injured several weeks ago when another Rogers horse he was leading to water accidentally hit the youngster in the face with its hoof, breaking the jaw. The accident didn't unnerve the lad and he was back for more riding last week. The Rogers horse shown is Midnight Rising Sun.

## Fishing Rodeo Ends Labor Day

Just a little more than three weeks remain for contestants to report their catches in the Y-12 Fishing Rodeo now under way for all employees—on straight day or shift work. The event closes at midnight Monday, September 3, which is Labor Day. All entries must be in the hands of the Fishing Rodeo Committee or the Y-12 Recreation Office, Room 226, Bldg. 9704-2, by noon Thursday, September 6.

Meanwhile, it is pointed out that all entries in the Fishing Rodeo also are eligible for the Y-12 Annual Fishing Contest that closes on December 31. Entry blanks for both events may be obtained at the Recreation Office or from members of the shift recreation committees.

In the Fishing Rodeo the eligible species of fish are smallmouth, largemouth and striped bass, walleye and sauger pike, crappie, trout, bream and bluegill. The same species are included in the Annual Fishing Contest with the addition of rough fish—catfish, drum and carp.

In the Fishing Rodeo prizes will be presented first and second places in the eligible species with no contestant being eligible for more than one prize. In both contests winners are determined by weight and in case of ties length and girth of the fish will decide the victor.

## Three Net Tilts Staged In Ladder

Only three matches were played in the Y-12 Plant Tennis Ladder for the seven-day period ending last Thursday. Laggio and Perry beat Nicely and Gregory, 6-0, 6-1, and Horton and Fisher trounced the feminine team of Mary Cushman and Fran Willie, 6-2, 6-1. The other match found Everett and Thompson defeating Laggio and Perry 6-4, 6-2.

The Beam and Campbell team dropped out of competition because of the transfer of the former from the plant.

Ladder standings as of last Thursday follow:

1. Wood and Harris
2. Horton and Fisher
3. Cushman and Willie
4. Ballenger and Hackett
5. Dabic and Ardery
6. Everett and Thompson
7. Laggio and Perry
8. Nicely and Gregory
9. Sheehan and Stephens
10. Fletcher and Secrist
11. McGinnis and Gambita



H. T. MUSTARD, Alloy Maintenance, was hot stuff when he landed the fine striped bass he is shown with above. The fish was taken from Norris Mill Creek and is a fine contender for honors in the Y-12 Annual Fishing Contest.

## Hot Race Running In Knox League

The Floyd Ludwig-George Wylie team clung to the lead in the red hot race in the Y-12 Plant Golf League at the Whittle Springs Golf and Social Club in Knoxville for the week of July 21, but were being threatened by several other twosomes. Huskisson-Wilburn climbed to second place during the week, replacing Burrus-Sawyer by a small margin.

Bowles, with a 36 scratch and 32 handicap score, led individual scorers for the week. The Countiss-Bowles team also had the best team handicap score of 67 and was tied with Ludwig-Wylie at 77 for scratch.

Team	W	L
Ludwig-Wylie	24 1/2	5 1/2
Huskisson-Wilburn	23	7
Burrus-Sawyer	22 1/2	7 1/2
Countiss-Bowles	24 1/2	11 1/2
Speas-Heins	19 1/2	10 1/2
Morgan-Miller	18	12
Cook-Hunter	17	13
Hill-Hilton	15	15
Cabe-Lovell	14 1/2	15 1/2
Kovach-Bremar	11	19
Peterson-Lockhart	12 1/2	23 1/2
Simmons-Stroud	9 1/2	20 1/2
Wakefield-Schappel	7 1/2	25 1/2

## Tiller, E. Roberts Rockwood Winners

Arnold Tiller and Eddie Roberts, Jr., are the 1956 champions of the Y-12 Plant Golf League at Rockwood. They took the crown in a one-up victory over Rudy Pletz and Roy Roberts on a long putt by the winning team on the last hole.

## 49ers And Bombers Triumph; Wildcats Also In Running

The 49ers added another important victory to their string in the American League of softballers just before league activities were temporarily suspended for the city tournament last week when they licked the Rebels by 5 to 4. The loss virtually eliminated the losers from competition for second half honors in the league.

Meanwhile, the B Bombers remained in contention with a 7 to 4 triumph over the Cubs and a forfeit from the Lions. This gave the 1955 plant and city champions a tie with the Wildcats for second place.

The Recreation Department has issued a revised schedule for rained-out games to begin next Monday, August 13 and continuing through August 24. If another team other than the 49ers, first half winners, takes the second half crown a playoff series will be held to pick a team to meet the National League Early Birds in the plant "world series." So with the race narrowed down to three teams competition should be brisk from now on out.

The Rebels almost overtook the 49ers in their contest, but Ed Sise bore down to quell a late inning rally. Justice blasted a homer for the winners and Teno for the Rebels. The Bombers bombarded the ball for four big runs in the third inning to ease by the Cubs.

League standing and line scores of the two games played prior to last Thursday follow:

Team	W	L
49ers	9	2
Wildcats	7	2
B Bombers	7	2
Rebels	5	3
Cubs	3	4
Bums	4	5
Alloy	0	10

Team	R	H
Rebels	000 022 0—4	7
49ers	200 111 x—5	5

Batteries: Rebels, Halsey and Miller; 49ers, Sise and Hopkins.

The schedule for the remainder of the season follows:

<b>Monday, August 13</b>	6 p.m., Cubs vs Bums; 7:30 p.m., Wildcats vs. 49ers.
<b>Tuesday, August 14</b>	6 p.m., B Bombers vs. Bums; 7:30 p.m., Alloy vs. Wildcats.
<b>Wednesday, August 15</b>	7:30 p.m., Cubs vs. Wildcats.
<b>Thursday, August 16</b>	7:30 p.m., Cubs vs. 49ers.
<b>Saturday, August 18</b>	9 a.m. and 10:30 a.m., Cubs vs. Rebels.
<b>Wednesday, August 22</b>	6 p.m., Alloy vs. 49ers; 7:30 p.m., B Bombers vs. Wildcats.
<b>Thursday, August 23</b>	6 p.m., Rebels vs. B Bombers; 7:30 p.m., Alloy vs. Wildcats.
<b>Friday, August 24</b>	6 p.m. and 7:30 p.m., Alloy vs. Rebels.

## Boyd-Oliphant Grab Lead In Oak Ridge

The team of John Boyd and George Oliphant romped into first place in the Y-12 Plant Golf League at the Oak Ridge Golf and Country Club last week by displacing the former leaders, George Mitchel and Nelson Tibbatts, with a six-point whitewashing. In other matches Hines and Emlet advanced to third place by taking four and one-half points from Harris and Gillen, Smith and Bartholomew blanked Orrison and Saylor for six points, Patterson and Peterson took five and one-half from McLendon and Underwood and Holzkecht-Peckman took three and one-half from Ratjen-Snyder.

Palo O'Neal, subbing for Harvey Saylor, shot a 37 scratch for low of the day and his handicap of one stroke gave him a 36 net score. Other low scorers, scratch and net, were Gillen 38-36, Hines 38-34, Smith 42-35, Patterson 43-34, and Bartholomew 43-35.

#### League standings follow:

Team	W	L
Boyd-Oliphant	23	7
Mitchel-Tibbatts	18 1/2	11 1/2
Hines-Emlet	17 1/2	12 1/2
Holzkecht-Peckman	17	13
Patterson-Peterson	16 1/2	13 1/2
Ratjen-Snyder	14	16
Smith-Bartholomew	13	17
Orrison-Saylor	8 1/2	21 1/2
Harris-Gillen	8	22

## Kendig-Coley Take Two Ladder Tilts

Four matches were staged in the Y-12 Plant Horeshoe Ladder play last week, with the Kendig and Coley team taking two wins in the period. Their victims were Haggard-Smith and McGinnis-McCoig. Rapier and Toney also trimmed Haggard and Smith and Gillihan-Whitaker took a forfeit from Hawk-Lewis.

Ladder standings as of last Thursday follow:

1. Hart and Zupan
2. Beckett and Smith
3. Horton and Hackett
4. Moses and Vermillion
5. Kendig and Coley
6. B. Gillihan and Whitaker
7. McGinnis and McCoig
8. Hawk and Lewis
9. Ragsdale and Keys
10. Rapier and Toney
11. Haggard and Smith
12. Simmons and Davis



Bulk Rate  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

**UNION CARBIDE  
NUCLEAR COMPANY**  
A Division of  
**Union Carbide And Carbon Corporation**  
Post Office Box Y  
Oak Ridge, Tenn.  
**RETURN POSTAGE GUARANTEED**

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED, RETURN TO SENDER IMMEDIATELY.



Continued from Page 2  
cessful horse show in Oak Ridge last Friday night.

### SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

**F. D. Bender**, of the Plant Shift Superintendents' Office, is resting up at his Oak Ridge home this week. . . . **Jean Granstaff** spent last week end at Dowelltown, Tenn., attending a fair there. . . . **Ada Hopkins** and her husband, **Clyde**, hiked to Mt. LeConte over the week end and stayed at the lodge on top of that mountain.

**Ken Bernander**, of General Utilities, tells the story that his sister, visiting here from Money, Kan., has been catching her limit of fish while here. . . . **J. A. McLain** is catching up on his water skiing. . . . **C. K. Monday** is marching through Georgia en route to deep sea fishing in Florida. . . . **J. W. Fox** is contemplating a trip to Middlesboro, Ky., after a few days at home. . . . **W. S. Everett** week-ended in Nashville.

The Steam Plant sends get well wishes to the two ailing sons of **George Everett** in Oak Ridge Hospital.

### INDUSTRIAL RELATIONS

**Frankie Goss**, of the Cafeteria, is spending a couple of weeks at home on Solway Road entertaining her niece and nephew, **Doris** and **Rufus Smith**, from Loudon.

**Lee Bagwell**, of Safety, and his wife are ambling to Alabama this week to visit her relatives.

### TECHNICAL

Project Engineering hopes **Joan Sharp** will be able to come home soon—she's at the bedside of her mother, injured in a Texas automobile accident.

**Bob Slusher**, Chemical and Industrial Engineering, is vacationing at home in Knoxville.

Electrical Engineering held its own golf tournament recently and **Jim Bartholomew** emerged with the trophy as 1956 champion. . . . **Raymond Rochat** is receiving congratulations over his dual membership in the Proud Pop's Club—he became father of twins, a boy and a girl, a few days ago.

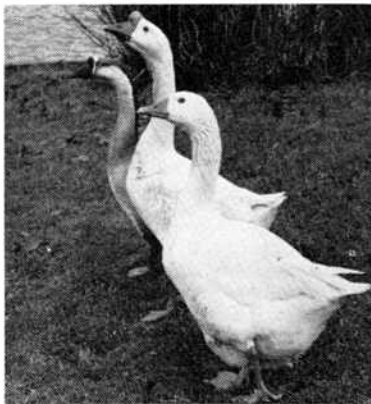
**Eddie Roberts, Jr.**, Health Physics, is resting up at home in Rockwood.

**Harry King**, Production Analysis, is going to Lockhart, Minn., to bring back his wife and children who have been spending the summer there. . . . **Aleen "Cissy" Haney** is resting in Yankeealand—way up in Maine with her husband's kinfolks. . . . **Lucian Peters** is spending a lot of time on Norris Lake in his new inboard cruiser.

. . . **John Williams**, his wife and son are going to Gate City, Va. . . . **Marlin Dill**, **Bill Moehl** and **Joe Stewart** are doing their stint for Uncle Sam's reserves in Fort Benning. . . . **Daisy Ward** is rambling around Boston and New York seeing the sights.

**Lorraine Jones**, Production Assay, is looking forward to a vacation in Clinton. . . . **Sylvia Smith** is spending two weeks in North Carolina. . . . **J. W. Briscoe** is going to Milan, Tenn.

Special Testing's vacationers are widely scattered—**V. C. Jackson** is



**BIRDS AND BABIES** are the prize winning subjects in the Y-12 Photographic Contest ending July 27. The first prize picture at top was taken by **Dave Alford**, Beta Two; while **Howard Horne**, Maintenance Planning, submitted the second prize winner at bottom.

in New York. . . . **W. D. Harman** is meeting his wife and son in Denver, Col. . . . **Clay Smith** is fishing Watts Bar Lake.

Mechanical Engineering extends condolences to **Nora Hurst**, whose brother, **Alonzo Robinette**, died July 30 in Ohio.

### CHEMICAL

**R. K. Gentry**, Chemical Department, is visiting relatives in Indiana. . . . **W. A. Inklebarger** is doing likewise in Kentucky. . . . **C. L. Riggs** chose Sarasota, Fla., and **Warren Ratledge** St. Petersburg for vacations. . . . **T. S. Weaver** went to Washington, D.C., and hoped to see some big league ball games. . . . **H. F. Edgemon** is fishing around Knoxville. . . . **C. F. Connor** is doing some landscaping at home. . . . Congratulations to **J. A. Lowry** on his marriage July 14 to Miss **Pat Anne Branscom** in Knoxville. . . . Get well wishes to **Lena Newsom's** father. . . . Likewise to the father of **W. C. and R. G. Marlar**. . . . Also to **J. M. Thompson** in Oak Ridge Hospital. . . . Condolences are extended **W. T. McGee**, whose mother-in-law died recently.

'By now.



## Y-12ers Planning To Build Or Remodel Homes Urged To Check Zoning Regulations Of City

Continued from Page 1

mains. In addition, building over a sewer lateral which serves your neighbor is prohibited. It may be possible for you to relocate such mains, but the change would be at your expense and could be quite costly.

Another restriction prohibits construction underneath power and telephone lines. Remember too, that utility poles, guy wires and anchors may also have some effect on your proposed construction.

Regarding sewage, make sure you will have gravity flow from your facilities to the sanitary sewer. If not, you're in trouble because septic tanks are not permitted except in rare cases, and gravity flow is an important item if you hope to build toilet facilities in the basement.

### Sewage Failure Possible

Even if you have gravity flow on your property, you might suffer if the proposed sewer line is lower than the manhole nearby. This may cause sewage to back up into your home in case of a failure in the system.

The lack of water or sewage lines to your property may require you to obtain easements from your neighbor to extend such lines to your lot. Any costs incurred in such extensions are at your expense.

Finally, take a look at the street in front of your lot. If it's unimproved, it is likely that some day you and your neighbor may want curbs, gutters and sidewalks installed. In such an event, you will undoubtedly have to pay a proportionate part of the cost of such improvements.

Now let's turn to the matter of making extensions to your present home if your propose to remodel and expand. One of the major improvements residents are considering today is the addition of a basement.

### Contractor's Advice Urged

If you're doing the excavation yourself, be extremely careful. You can easily weaken the structure by digging too close to the foundation and not providing the necessary support. Your best bet is to get the advice and help of a qualified contractor who is familiar with these problems.

Excavating a deep basement close to the original foundation may be dangerous without adding the proper support. If you have excavated to this extent, the use of poured concrete walls is recommended. Anything less—such as masonry blocks—will probably be insufficient. Pay particular attention, also, to excavations around the chimney. Poured concrete is again recommended for maintaining stability at this vital point.

Adding a room or two to your present home may also present a few problems. Remember that generally the same restrictions listed above also apply in this case. Better check your block plans thoroughly to see how far you can go.

### Qualified Help Proposed

If you find you can make some expansion to your house, think seriously of hiring qualified electricians, plumbers, carpenters, contractors and other skilled help. These people know building codes and requirements, and their knowledge and experience may save you discomfort, money and perhaps your life. All construction must conform to the Southern Standard Building Code, the National Electrical Code of the National Fire Protection Association, and the National Plumbing Code.

As a safety measure, sign a contract for work to be performed. Make sure all details and prices are specified before you sign. Above all, never sign a document until it is completely filled in and you understand every item on it.

If you have any questions about the wording of contracts or

agreements, obtain legal aid to interpret those documents. That additional expense will be worth the peace of mind which will come from knowing you are getting just what you ordered at the price you agreed upon.

Reputable firms will not object to making agreements with you and specifying details of installation, repairs and guarantees. It is only the "sharpie" who wants to be vague about such items.

### Don't Be Short-Changed

Beware of "bargain" prices on home accessories and supplies, as well as on home improvements offered by unreliable contractors. Usually you get only what you pay for, and the so-called attractive prices may leave you short-changed somewhere along the line.

Finally, don't forget to get a permit if you intend to do any work on your property which will cost at least \$100 or exceed 100 square feet in area. Incidentally, you can't start any work until you've obtained your building permit from MSI's Engineering or Housing Department.

If you're wondering about the need for so many building restrictions, remember that they have been established for your safety and protection. They serve to protect you against hazards which might result from unsafe construction or unhealthy conditions. In addition, they also protect your investment in your home and property.

## Rides Wanted, Offered

**Ride wanted or will join car pool from Lenoir City to East Portal, straight day.** Maola Connor, plant phone 7169, home phone 465, Lenoir City.

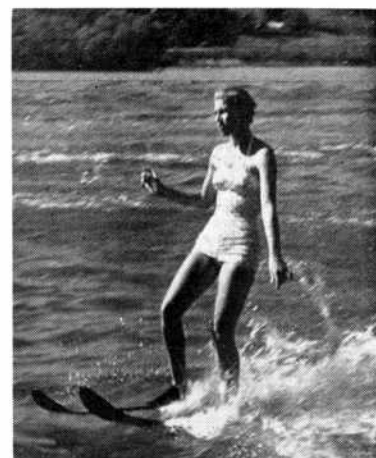
**Three riders wanted from North Shore Drive, Bearden, Sutherland Ave., or Anderson Hills Section, Knoxville, to any portal, straight day.** W. H. Holbert, plant phone 7222, home phone 8-0149, Knoxville.

**Two riders wanted from Fairmont Section, Knoxville, to East, North or Central Portal, straight day.** Richard Humphrey, plant phone 7349, home phone 2-5359, Knoxville.

**Riders wanted from Clinton to East or North Portal, straight day.** C. D. Barnett, home phone 902, Clinton.

**Ride wanted from 137 Wade Lane, Oak Ridge, to Central Portal, straight day.** Nancy McMaster, plant phone 7373, home phone 5-3742, Oak Ridge.

To be sure to hear a phone ring while out of the room—put the instrument on top of an overturned tin pan.



**JOYCE ADAMS, AN EXPERT** with water skis, has just turned loose from a tow at the B Shift picnic at Concord Park. She presumably met the usual fate of such action—being dunked in the lake.

## Two Y-12ers Take Horse Show Prizes

Two Y-12ers pulled down awards in the eighth annual horse show staged last Friday night by the East Tennessee Riding Club at the club's Oak Ridge show grounds. More than 1,500 spectators turned out for the show that presented some 125 of the finest horses in this area.

In the amateur walking horse class the first place blue ribbon went to Mrs. Gene Griffin, of the Y-12 Chemical Department, up on Sterling Pride, a Shelbyville, Tenn., horse. Her husband, Hugh A. Griffin, of Colex Operations, took second place in the two-year old walking class on his Sun's Red Garters. Griffin also was co-chairman of the show.

Entertainment for the kiddies in between events was provided by a clown, who turned out to be Charley Mills, of Colex Operations.

## Two Teams Are Tied In Harriman League

The Ellis and Anglin team and the Hamil-Mackey duo are tied for the lead after two weeks of play in the second-half of the season in the Harriman Golf League for Union Carbide Nuclear Company players.

### League standings follow:

Team	W	L
Ellis-Anglin	4	2
Hamil-Mackey	4	2
Doggett-Clark	3 1/2	2 1/2
T. Tuck-Duff	3	3
Gunn-Martin	3	3
McConkey-Raper	2 1/2	3 1/2
Saylor-Kahley	2	4
H. Tuck-Sampler	2	4

### BOYS' SHOES COSTLY

The average boy wears out his shoes about 25 per cent faster than an average girl, recent statistics revealed. The figures also showed that an average child wears out a pair of shoes in about 45 days.



**THE JOINT FUND RAISING CAMPAIGN** by the Oak Ridge Community Chest and the Oak Ridge Chapter of the American Red Cross is approved by officials of both organizations, as shown above. From left are: Arthur L. Garrett, vice president of the Community Chest; Harry E. Carper, Community Chest president; Bert G. Catron, chairman of the Red Cross chapter; and Raymond L. Hayes, vice chairman of the Red Cross chapter; just after the joint campaign agreement was signed. Union Carbide is represented by Carper from K-25 and Catron from Oak Ridge National Laboratory.